

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Yakobson

Serial No.: 09/866,021

Filed: May 23, 2001

For: *Physical Property Modification of Nanotubes*

Group Art Unit: 1754

Confirmation No.: 6193

Examiner: Peter J. Lish

January 29, 2003

Commissioner for Patents
Washington, DC 20231

Sir:

Transmitted herewith is an AMENDMENT in the above-identified patent application.

☒ Applicant claims small entity status. See 37 CFR §1.27.

☒ No additional fee is required.

☐ Other:

The fee has been calculated as shown below:

(COL. 1)		(COL. 2)	(COL. 3)	SMALL ENTITY		OTHER THAN A SMALL ENTITY	
	Claims Remaining After Amendment	Highest Number Previously Paid For	Present Extra	RATE	ADDIT. FEE	OR RATE	ADDIT. FEE
Total	7 -	** 20	= 0	x 09=	\$	x 18=	\$
Indep	1 -	*** 3	= 0	x 42=	\$	x 84=	\$
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				+140=	\$	+280=	\$
				Total Add. Fee \$		OR Total	\$

* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior Amendment or the number of claims originally filed.

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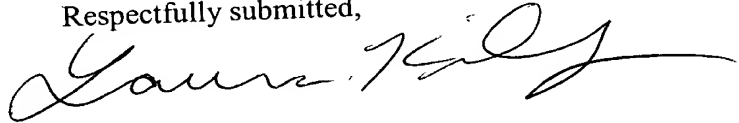
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- ☐ Please charge my Deposit Account No. 50-0220 in the amount of \$ _____.
- ☐ A check in the amount \$ _____ to cover the additional fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-0220.
- ☒ Any additional filing fees required under 37 C.F.R. § 1.16 for the presentation of extra claims.
- ☒ Any patent application processing fees under 37 C.F.R. § 1.17.

Respectfully submitted,



Laura M. Kelley
Registration No. 48,441
Attorney of Record

Customer Number:



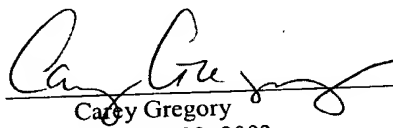
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Cary Gregory

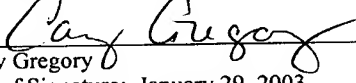
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Carey Gregory
Date of Signature: January 29, 2003

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AMENDMENT

In response to the Office Action mailed October 29, 2002 (the "Action"), please make the following amendments.

Please cancel Claims 26-27 without prejudice.

Please add the following new claims:

28. (New) The carbon nanotube defined in Claim 24, wherein the domain of modified lattice comprises a modified hexagonal lattice structure.

29. (New) The carbon nanotube defined in Claim 24, wherein the domain of modified lattice structure propagates in an imaginary spiral line between said pentagon-heptagon and heptagon-pentagon dislocation cores.

30. (New) The carbon nanotube defined in Claim 24, wherein said nanotube has a defined lattice structure characterized by a (10,10) chirality vector in at least one of the second and third regions, and wherein the domain of modified lattice structure has a chirality vector of (10,9).

31. (New) The carbon nanotube defined in Claim 24, wherein said nanotube comprises carbon or boron nitride.

Adjustment date: 05/22/2003 SEKUBAY1
02/11/2003 BHINES 00000002 500220 09866021
01 FC:2251 55.00 CR

027/11/2003 RHINES 00000002 500E20 09866021
01-FC:221 55-00-CH